ABSTRACT OF THE DISCLOSURE

Methods, apparatus and systems are disclosed for block encoding/decoding information wireless networks having narrow decoding latency restrictions. A method includes identifying a length of information to be sent in a block code and encoding the information to be sent in the block code into one or more codewords, where the number of codewords and the amount of information encoded within each codeword is adjusted based on the identified length and to achieve a similar codeword error probability for each codeword considering available decoding time for decoding a last codeword is less than available decoding time for decoding a first codeword. In certain implementations low density parity check (LDPC) encoding may be used in combination with OFDM to provide reliable communications in a high throughput WLAN.